04jan07 14:14:04 User259284 Session D3922.2

SYSTEM:OS - DIALOG OneSearch
    File 23:CSA Technology Research Database 1963-2006/Dec
          (c) CSA.
    File   2:INSPEC 1898-2006/Dec W2
          (c) Institution of Electrical Engineers
    File 94:JICST-EPlus 1985-2006/Sep W2
          (c) Japan Science and Tech Corp(JST)

Set	Items	Description
S1	12564	MIX?????(6N)(SI OR SILICON)
S2	3829	MIX?????(6N)(POLY OR POLYCRYST? OR POLYSI?)
S3	23230	MIX?????(6N)(MESOCRYST? OR NANOCRYST? OR MICROCRYST? OR SU-BMICROCRYST? OR CRYST??????? OR MONOCRYST?)
S4	4536	MIX?????(6N)(AMORPH?????????? OR NONCRYST???????)
S5	16202	S1:S2
S6	16202	S1:S2
S7	38499	S1:S3
S8	1807	4AND7
S9	864	S8 AND (CI=SI EL OR SILICON OR SI OR POLYSI????????)
S10	8	S9 AND PASSIVAT?
S11	70	S9 AND OXYGEN???????
S12	33	S9 AND OXIDAT?
S13	1	S9 AND OXIDIS?
S14	17	S9 AND OXIDIZ?
S15	0	S9 AND OXYNITRIDI?
S16	0	S9 AND OXYNITRIDED?
S17	48	S9 AND NITROGEN??????????
S18	220	S9 AND (O OR N OR N2 OR O2 OR O3)
S19	2	S9 AND NITRIDI?
S20	4	S9 AND NITRIDED?
S21	0	S9 AND NITRIDAT?
S22	303	S10:S21
S23	4	S22 AND CATAL??????????
S24	75	S22 AND GAS??????
S25	2	S22 AND DANGL???????
S26	0	S22 AND TERMINA?????????
S27	0	S22 AND SURFACE??(3N)BOND????????
S28	10	S24 AND (SI OR SILICON)(N)(N OR NITROGEN)
S29	2	S24 AND (SI OR SILICON)(N)(O OR OXYGEN??????)
S30	0	S24 AND (SI OR SILICON)(1N)(OXIDIS?)
S31	1	S24 AND (SI OR SILICON)(1N)(OXIDIZ?)
S32	0	S24 AND (SI OR SILICON)(1N)(OXIDAT?)
S33	0	S24 AND (SI OR SILICON)(1N)(OXYGENAT?)
S34	0	S24 AND (SI OR SILICON)(1N)(NITROGENAT?)
S35	0	S24 AND (SI OR SILICON)(1N)(NITRIDAT?)
S36	0	S24 AND (SI OR SILICON)(1N)(NITRIDI?)
S37	0	S24 AND (SI OR SILICON)(1N)(NITRIDED?)
S38	12	11AND12
S39	6	11AND14.
S40	1	12AND14
S41	7	11AND17
S42	35	11AND18
S43	5	12AND42
S44	3	14AND42
S45	75	S10 OR S13 OR S19:S20 OR S23 OR S25:S44
S46	61	RD S45 (unique items)
S47	51	S46 NOT S46/2003-2007
S48	23	S47 AND (FINE OR ULTRAFINE OR SUPERFINE OR THIN OR ULTRATH-IN OR SUPERTHIN)
S49	14637	MIX???????(2N)(MESOCRYST?????? OR NANOCRYST??????? OR MONOCRYST?????? OR CRYST????????)

```
S50    3574    MIX???????(2N)(RUGGED OR HGS OR HSG OR GRAIN????? OR POLYS-
               I? OR POLY OR POLYCRYST?)
S51   17977    S1:S2 OR S50
S52    4687    AMORPH????????/TI,AB(7N)MIX??????/TI,AB
S53      39    NONCRYST?/TI,AB(7N)MIX??????/TI,AB
S54     717    51AND52
S55       2    51AND53
S56     719    S54:S55
S57     559    S56 AND (S9:S45 OR DANGL???????)
S58      66    S56 AND (SI OR SILICON)(2N)(SURFACE?? OR TERMINA?????? OR -
               BOND?????)
S59     561    S57:S58
S60       7    S59 AND ULTRATHIN
S61       0    S59 AND SUPERTHIN
S62       0    S59 AND SUPER()THIN
S63       1    S59 AND ULTRA()THIN
S64       1    S59 AND ULTRA()FINE
S65       0    S59 AND SUPER()FINE
S66       1    S59 AND SUPERFINE
S67      10    S59 AND ULTRAFINE
S68      24    S59 AND FINE
S69      41    S60:S68
S70      34    RD S69  (unique items)
S71      30    S70 NOT S48
S72      25    S71 NOT S71/2003-2007
S73     118    S59 AND AMORPH????????(4N)CRYST???????/TI,AB
S74      30    S59 AND AMORPH????????(4N)NANOCRYST???????/TI,AB
S75      56    S59 AND AMORPH????????(4N)MICROCRYST???????/TI,AB
S76       1    S59 AND AMORPH????????(4N)MONOCRYST???????/TI,AB
S77      28    S59 AND AMORPH????????(4N)POLYCRYST???????/TI,AB
S78     166    S73:S77 AND AMORPH?????????(5N)(SI OR SILICON)/TI,AB
S79     158    S78 NOT (S72 OR S48)
S80     126    RD S78  (unique items)
S81     119    S80 NOT (S72 OR S48)
S82      25    S81 AND NANOCRYST????????
S83       2    S81 AND NANO()CRYST????????
S84       0    S81 AND NANO()SCAL????
S85       0    S81 AND NANO()GRAIN?????
S86       0    S81 AND NANOGRAIN?????
S87       0    S81 AND NANOSCAL?????
S88      26    S82:S83
S89   19154    MIX?????(2N)PHAS?????
S90       4    69AND89
S91       4    RD S90  (unique items)
S92       0    S91 NOT (S88 OR S72 OR S48)
```

FILE 'HCAPLUS' ENTERED AT 11:46:15 ON 04 JAN 2007
```
              E US20060276055/PN
L1        1 SEA ABB=ON   PLU=ON   US2006276055/PN
L2          SEL PLU=ON   L1 1- RN :        3 TERMS
L3   1063644 SEA ABB=ON   PLU=ON   L2
L4        1 SEA ABB=ON   PLU=ON   L1 AND L3
```

FILE 'STNGUIDE' ENTERED AT 11:46:34 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 11:52:23 ON 04 JAN 2007
```
              E E3+ALL/CT
L5    85631 SEA ABB=ON   PLU=ON   NANOCRYSTALS/CT OR "NANOCRYSTALLINE MATERIALS"/CT OR (NANO OR
CRYST######### OR NM OR MESOCRYST####### OR MONOCRYST#####)(2A)(SI OR SILICON)
```

FILE 'REGISTRY' ENTERED AT 11:55:56 ON 04 JAN 2007
```
L6        1 SEA ABB=ON   PLU=ON   7440-21-3/RN
```

FILE 'HCAPLUS' ENTERED AT 11:55:57 ON 04 JAN 2007
```
L7   457499 SEA ABB=ON   PLU=ON   L6
L8   170506 SEA ABB=ON   PLU=ON   L5 OR POLYSI OR POLYSILICON OR (POLY OR POLYCRYST#######)(W)(SI OR
SILICON) OR ( L7 (L)(NANOCRYST######## OR CRYST########## OR AMORPH########## OR POLY OR
POLYCRYST########## OR MESOCRYST######### OR NANO########))
              E OXIDATION
              E OXIDATION/CT
              E E3+ALL/CT
L9    12169 SEA ABB=ON   PLU=ON   L8 AND (OXIDATION/CT OR (NITRIFICATION/CT OR "OXIDATION,
ELECTROCHEMICAL"/CT OR "OXIDATION, PHOTOCHEMICAL"/CT OR OZONIZATION/CT OR PEROXIDATION/CT OR "LIPID
PEROXIDATION"/CT OR "WET OXIDATION"/CT) OR ("OXIDATION CATALYSTS"/CT OR "OXIDATION ENTHALPY"/CT OR
"OXIDATION KINETICS"/CT OR "OXIDATION POTENTIAL"/CT OR OXIDIZABILITY/CT OR "OXIDIZING AGENTS"/CT) OR
OXIDISING OR OXIDIZING OXIDISED OR OXIDIZED OR NITRIDED OR OXIDATION OR OXIDING OR NITRIDING OR
NITROGENAT######### OR NITRIDATION)
L10    2321 SEA ABB=ON   PLU=ON   L8 AND DANGLING
L11     512 SEA ABB=ON   PLU=ON   L8 AND TERMINAT######(3A)(SI OR SILICON)
L12      81 SEA ABB=ON   PLU=ON   L8 AND TERMINAT######(3A)BONDS
L13      40 SEA ABB=ON   PLU=ON   L8 AND TERMINAT######(3A)ATOMS
L14     889 SEA ABB=ON   PLU=ON   L8 AND SURFACE(4A)(BONDS OR TEMINAT#######
              OR ATOMS)
L15   15398 SEA ABB=ON   PLU=ON   (L9 OR L10 OR L11 OR L12 OR L13 OR L14)
```

FILE 'STNGUIDE' ENTERED AT 12:00:54 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:03:31 ON 04 JAN 2007
```
L16    3848 SEA ABB=ON   PLU=ON   L8 AND (ULTRATHIN OR SUPERTHIN OR NANOLAYER
              ? OR NANO LAYER#### OR MONO LAYER#### OR MONOLAYER? OR (ATOMIC
              OR ATOM OR MOLECUL####)(3A)(DIAMETER OR RADIUS OR THICK######
              OR THIN#####) OR ULTRA THIN OR SUPER THIN)
```

FILE 'STNGUIDE' ENTERED AT 12:03:32 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:04:00 ON 04 JAN 2007
```
L17   18561 SEA ABB=ON   PLU=ON   (L15 OR L16)
```

FILE 'STNGUIDE' ENTERED AT 12:04:01 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:06:43 ON 04 JAN 2007
```
L18   44262 SEA ABB=ON   PLU=ON   (NANO OR NANOSCAL##### OR NM)(3A)(THICK####
              ## OR THIN###### OR SI OR SILICON)
```

FILE 'STNGUIDE' ENTERED AT 12:06:45 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:07:59 ON 04 JAN 2007
```
L19    8486 SEA ABB=ON   PLU=ON   L8 AND L18
L20   25108 SEA ABB=ON   PLU=ON   L17 OR L19
L21     612 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
              OXID####### OR N2 OR N OR NITROGEN####### OR NITRID#####)(3A)GAS
L22     114 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
              OXID####### OR N2 OR N OR NITROGEN####### OR NITRID#####)(3A)C
              ARRIER
L23     922 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
```

```
                   OXID###### OR N2 OR N OR NITROGEN###### OR NITRID#####)(3A)P
                   LASMA
L24        276 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
                   OXID###### OR N2 OR N OR NITROGEN###### OR NITRID#####)(3A)S
                   OURCE
L25          2 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
                   OXID###### OR N2 OR N OR NITROGEN###### OR NITRID#####)(3A)I
                   NLET#####
L26          1 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
                   OXID###### OR N2 OR N OR NITROGEN###### OR NITRID#####)(3A)I
                   NCOMING####
L27       4801 SEA ABB=ON   PLU=ON   L20 AND (O OR O3 OR OXYGEN######## OR
                   OXID###### OR N2 OR N OR NITROGEN###### OR NITRID#####)(3A)(
                   PROCESS##### OR REACT#####)
L28        700 SEA ABB=ON   PLU=ON   L20 AND NITRIDING
L29       9570 SEA ABB=ON   PLU=ON   L20 AND OXIDATION
L30      11602 SEA ABB=ON   PLU=ON   (L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR
                   L27 OR L28 OR L29)
                   S L20 AND   7727-37-9/REG#


      FILE 'REGISTRY' ENTERED AT 12:11:06 ON 04 JAN 2007
L31          1 SEA ABB=ON   PLU=ON   7727-37-9/RN


      FILE 'HCAPLUS' ENTERED AT 12:11:06 ON 04 JAN 2007
L32     304173 SEA ABB=ON   PLU=ON   L31
L33       1029 SEA ABB=ON   PLU=ON   L20 AND L32
                   S L20 AND   7782-44-7/REG#


      FILE 'REGISTRY' ENTERED AT 12:11:25 ON 04 JAN 2007
L34          1 SEA ABB=ON   PLU=ON   7782-44-7/RN


      FILE 'HCAPLUS' ENTERED AT 12:11:25 ON 04 JAN 2007
L35     395834 SEA ABB=ON   PLU=ON   L34
L36       1487 SEA ABB=ON   PLU=ON   L20 AND L35
L37      12045 SEA ABB=ON   PLU=ON   L30 OR L33 OR L36
L38        915 SEA ABB=ON   PLU=ON   L37 AND L7(L)AMORPH#######
L39          1 SEA ABB=ON   PLU=ON   L37 AND L7(L)NONCRYST#######
L40          1 SEA ABB=ON   PLU=ON   L37 AND L7(L)NON CRYST#######
L41        991 SEA ABB=ON   PLU=ON   L37 AND (AMORPH###### OR NONCRYST###### OR
                   NON CRYST######)(W)(SI OR SILICON)
L42       1297 SEA ABB=ON   PLU=ON   (L38 OR L39 OR L40 OR L41)
L43       2699 SEA ABB=ON   PLU=ON   L37 AND (SI OR SILICON)(2A)FILM
L44        844 SEA ABB=ON   PLU=ON   L37 AND (SI OR SILICON)(2A)(THIN OR
                   ULTRATHIN OR SUPERTHIN)
L45       1087 SEA ABB=ON   PLU=ON   L37 AND "STEPS"
L46         17 SEA ABB=ON   PLU=ON   L37 AND "SECOND STEP"
L47          3 SEA ABB=ON   PLU=ON   L37 AND "SECOND PROCESS"
L48          0 SEA ABB=ON   PLU=ON   L37 AND "2ND PROCESS"
L49         16 SEA ABB=ON   PLU=ON   L37 AND "2ND STEP"
L50        688 SEA ABB=ON   PLU=ON   L37 AND SEQUEN######
L51        301 SEA ABB=ON   PLU=ON   L37 AND PROCESS#####(3A)("STEP" OR
                   "STEPS")
L52         71 SEA ABB=ON   PLU=ON   L37 AND FABRICAT#####(3A)("STEP" OR
                   "STEPS")
L53        609 SEA ABB=ON   PLU=ON   L37 AND FORM#######(3A)("STEP" OR "STEPS")

L54         21 SEA ABB=ON   PLU=ON   L37 AND REACT#######(3A)("STEP" OR
                   "STEPS")
L55        116 SEA ABB=ON   PLU=ON   L37 AND (DEPOSIT###### OR CVD OR DEP OR
                   DEPD OR DEPN)(3A)("STEP" OR "STEPS")
L56       1859 SEA ABB=ON   PLU=ON   L45 OR (L46 OR L47 OR L48 OR L49 OR L50 OR
                   L51 OR L52 OR L53 OR L54 OR L55)
L57       2955 SEA ABB=ON   PLU=ON   (L43 OR L44)
L58       1297 SEA ABB=ON   PLU=ON   (L38 OR L39 OR L40 OR L41)
L59      53138 SEA ABB=ON   PLU=ON   MIX######(4A)?CRYST?
L60       6190 SEA ABB=ON   PLU=ON   MIX######(4A)?AMORPH?
L61      61668 SEA ABB=ON   PLU=ON   ?CRYST?(4A)?AMORPH?
L62         14 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND L59
L63         17 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND L60
```

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L64      426 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND L61
L65      283 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND (AMORPH#########
                 OR NONCRYST#########)(5A)(NANOCRYST? OR POLYCRYST? OR POLY OR
                 POLYSI? OR MESOCRYST? OR MONOCRYST?)
L66     1322 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND (AMORPH#########
                 OR NONCRYST#########)(5A)(SI OR SILICON)
L67     2499 SEA ABB=ON   PLU=ON   (L56 OR L57 OR L58) AND (SI OR SILICON)(5A)
                 (NANOCRYST? OR POLYCRYST? OR POLY OR POLYSI? OR MESOCRYST? OR
                 MONOCRYST?)
L68      194 SEA ABB=ON   PLU=ON   L64 AND L65
L69      381 SEA ABB=ON   PLU=ON   L64 AND L66
L70      234 SEA ABB=ON   PLU=ON   L64 AND L67
L71        6 SEA ABB=ON   PLU=ON   (L68 OR L69 OR L70) AND MIX#########(3A)(SI
                 OR SILICON)
L72      220 SEA ABB=ON   PLU=ON   L37 AND DANGL######
L73      106 SEA ABB=ON   PLU=ON   L37 AND SURFACE(5A)(TERMINA###### OR
                 NONTERMINA###### OR UNTERMINA###### OR END)
L74      167 SEA ABB=ON   PLU=ON   L37 AND (SI OR SILICON)(5A)(TERMINA######
                 OR NONTERMINA###### OR UNTERMINA###### OR END)
L75       39 SEA ABB=ON   PLU=ON   L37 AND ULTRAFINE
L76        7 SEA ABB=ON   PLU=ON   L37 AND ULTRA FINE
L77        0 SEA ABB=ON   PLU=ON   L37 AND SUPER FINE
L78        3 SEA ABB=ON   PLU=ON   L37 AND SUPERFINE
L79     5206 SEA ABB=ON   PLU=ON   (L38 OR L39 OR L40 OR L41) OR L44 OR L45
                 OR L47 OR (L46 OR L47 OR L48 OR L49 OR L50 OR L51 OR L52 OR
                 L53 OR L54 OR L55 OR L56 OR L57 OR L58) OR (L62 OR L63 OR L64
                 OR L65 OR L66 OR L67 OR L68 OR L69 OR L70 OR L71 OR L72 OR L73
                 OR L74 OR L75 OR L76 OR L77 OR L78)
L80      191 SEA ABB=ON   PLU=ON   L79 AND NANOCRYSTALS
L81      285 SEA ABB=ON   PLU=ON   L79 AND NITRIDING
L82     4029 SEA ABB=ON   PLU=ON   L79 AND OXIDATION
L83       11 SEA ABB=ON   PLU=ON   L80 AND L81
L84      143 SEA ABB=ON   PLU=ON   L80 AND L82
L85       86 SEA ABB=ON   PLU=ON   L81 AND L82
L86       72 SEA ABB=ON   PLU=ON   (L84 OR L85) AND (SEQUEN########## OR
                 "STEP" OR "STEPS")
L87       11 SEA ABB=ON   PLU=ON   L86 AND GAS
L88       22 SEA ABB=ON   PLU=ON   L83 OR L87
L89       21 SEA ABB=ON   PLU=ON   L88 NOT L1


     FILE 'STNGUIDE' ENTERED AT 12:27:45 ON 04 JAN 2007


     FILE 'HCAPLUS' ENTERED AT 12:29:43 ON 04 JAN 2007
L90      835 SEA ABB=ON   PLU=ON   (N OR O OR O2 OR O3 OR N2 OR NITROGEN######
                 OR NITRID######### OR OXYGEN###### OR OXID########)(5A)DANGLING


     FILE 'HCAPLUS' ENTERED AT 12:29:52 ON 04 JAN 2007
L91     6464 SEA ABB=ON   PLU=ON   (N OR O OR O2 OR O3 OR N2 OR NITROGEN######
                 OR NITRID######### OR OXYGEN###### OR OXID########)(5A)TERMINATED


     FILE 'HCAPLUS' ENTERED AT 12:29:57 ON 04 JAN 2007
L92      548 SEA ABB=ON   PLU=ON   (N OR O OR O2 OR O3 OR N2 OR NITROGEN######
                 OR NITRID######### OR OXYGEN###### OR OXID########)(5A)TERMINATING


     FILE 'HCAPLUS' ENTERED AT 12:30:08 ON 04 JAN 2007
L93    49982 SEA ABB=ON   PLU=ON   (N OR O OR O2 OR O3 OR N2 OR NITROGEN######
                 OR NITRID######### OR OXYGEN###### OR OXID########)(5A)BONDS
L94    57248 SEA ABB=ON   PLU=ON   (L90 OR L91 OR L92 OR L93)
L95     4194 SEA ABB=ON   PLU=ON   (L35 OR L36 OR L37 OR L38 OR L39 OR L40 OR
                 L41 OR L42 OR L43 OR L44 OR L45 OR L46 OR L47 OR L48 OR L49 OR
                 L50 OR L51 OR L52 OR L53 OR L54 OR L55 OR L56 OR L57 OR L58 OR
                 L59 OR L60 OR L61 OR L62 OR L63 OR L64 OR L65 OR L66 OR L67 OR
                 L68 OR L69 OR L70 OR L71 OR L72 OR L73 OR L74 OR L75 OR L76 OR
                 L77 OR L78 OR L79 OR L80) AND L94
L96      112 SEA ABB=ON   PLU=ON   (L81 OR L82 OR L83 OR L84 OR L85 OR L86 OR
                 L87 OR L88 OR L89) AND L94
L97     7406 SEA ABB=ON   PLU=ON   (L3 OR L5 OR L7 OR L8 OR L17 OR L18 OR L19
                 OR L20 OR L30 OR L32) AND L94
L98     7743 SEA ABB=ON   PLU=ON   (L95 OR L96 OR L97)
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L99      328 SEA ABB=ON   PLU=ON  L98 AND AMORPH########(5A)(SI OR SILICON
                                  OR SEMICONDUCT######)
L100       5 SEA ABB=ON   PLU=ON  L98 AND NONCRYST#########(5A)(SI OR
                                  SILICON OR SEMICONDUCT######)
L101       2 SEA ABB=ON   PLU=ON  L98 AND NON CRYST#########(5A)(SI OR
                                  SILICON OR SEMICONDUCT######)
L102      34 SEA ABB=ON   PLU=ON  L98 AND MIXED(5A)(SI OR SILICON OR
                                  SEMICONDUCT######)
L103     186 SEA ABB=ON   PLU=ON  L98 AND L7(L)(AMORPH######### OR NONCRYST##
                                  ##### OR NON CRYST#########)
L104       6 SEA ABB=ON   PLU=ON  L98 AND L7(L)(MIXED)
L105     372 SEA ABB=ON   PLU=ON  (L99 OR L100 OR L101 OR L102 OR L103 OR
                                  L104)
L106      33 SEA ABB=ON   PLU=ON  L105 AND NANO########(2A)(SI OR SILICON)
L107       2 SEA ABB=ON   PLU=ON  L105 AND NANOS#######(2A)(SI OR SILICON)
L108      19 SEA ABB=ON   PLU=ON  L105 AND NANOC#######(2A)(SI OR SILICON)
L109       0 SEA ABB=ON   PLU=ON  L105 AND MESOC#######(2A)(SI OR SILICON)
L110       0 SEA ABB=ON   PLU=ON  L105 AND MESOCRYST?(2A)(SI OR SILICON)
L111      17 SEA ABB=ON   PLU=ON  L105 AND L7(L)(NANO######## OR NANOC#######
                                  ## OR NANOS#########)
L112       0 SEA ABB=ON   PLU=ON  L105 AND L7(L)(FINE OR ULTRAFINE OR
                                  SUPERFINE)
L113      32 SEA ABB=ON   PLU=ON  L105 AND L7(L)(THIN OR ULTRATHIN OR
                                  SUPERTHIN)
L114      61 SEA ABB=ON   PLU=ON  L105 AND (SI OR SILICON)(3A)(THIN OR
                                  ULTRATHIN OR SUPERTHIN)
L115       2 SEA ABB=ON   PLU=ON  L105 AND (SI OR SILICON)(3A)(FINE OR
                                  ULTRAFINE OR SUPERFINE)
L116      95 SEA ABB=ON   PLU=ON  (L106 OR L107 OR L108 OR L109 OR L110 OR
                                  L111 OR L112 OR L113 OR L114 OR L115)
L117      17 SEA ABB=ON   PLU=ON  L116 AND GAS
L118      27 SEA ABB=ON   PLU=ON  L116 AND DANGL########
L119       5 SEA ABB=ON   PLU=ON  L116 AND ?TERMINA?(3A)(SI OR SILICON OR
                                  SURFACE OR SEMICONDUCT##### OR ATOMS OR SURFACE)
L120      43 SEA ABB=ON   PLU=ON  (L117 OR L118 OR L119)
L121      42 SEA ABB=ON   PLU=ON  L120 NOT (L89 OR L1)
                                  D ALL HITSTR TOT
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FILE 'STNGUIDE' ENTERED AT 12:40:28 ON 04 JAN 2007

FILE 'HCAPLUS' ENTERED AT 12:42:38 ON 04 JAN 2007

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L122    1164 SEA ABB=ON   PLU=ON  (SI OR SILICON)(W)DANGL#######(W)BOND
L123      54 SEA ABB=ON   PLU=ON  DANGL#######(W)(SI OR SILICON)(W)BOND
L124     234 SEA ABB=ON   PLU=ON  (L93 OR L94 OR L95 OR L96 OR L97 OR L98 OR
                                  L99 OR L100 OR L101 OR L102 OR L103 OR L104 OR L105 OR L106 OR
                                  L107 OR L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114
                                  OR L115 OR L116) AND (L122 OR L123)
L125      45 SEA ABB=ON   PLU=ON  (L122 OR L123) AND NANOCRYST?
L126     103 SEA ABB=ON   PLU=ON  (L122 OR L123) AND OXIDATION
L127       1 SEA ABB=ON   PLU=ON  (L122 OR L123) AND OXYGENAT#######
L128       0 SEA ABB=ON   PLU=ON  (L122 OR L123) AND OXIDIS?
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FILE 'STNGUIDE' ENTERED AT 12:44:19 ON 04 JAN 2007

FILE 'STNGUIDE' ENTERED AT 12:47:24 ON 04 JAN 2007

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L129       1 S WORLDCAT
             D ALL
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FILE 'HCAPLUS' ENTERED AT 12:51:27 ON 04 JAN 2007

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L129      48 SEA ABB=ON   PLU=ON  (L122 OR L123) AND OXIDIZ?
L130       0 SEA ABB=ON   PLU=ON  (L122 OR L123) AND NITROGENAT?
L131      19 SEA ABB=ON   PLU=ON  (L122 OR L123) AND NITRIDAT?
L132      10 SEA ABB=ON   PLU=ON  (L122 OR L123) AND NITRIDI?
L133       9 SEA ABB=ON   PLU=ON  (L122 OR L123) AND NITRIDED?
L134       2 SEA ABB=ON   PLU=ON  (N OR O OR OXYGEN OR NITROGEN)(W)TERMINA###
                                  ##### AND (L122 OR L123)
L135     345 SEA ABB=ON   PLU=ON  (L124 OR L125 OR L126 OR L127 OR L128 OR
                                  L129 OR L130 OR L131 OR L132 OR L133 OR L134)
L136      48 SEA ABB=ON   PLU=ON  L135 AND GAS
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L137         0 S L135 AND GASEOUS###
L137        45 SEA ABB=ON   PLU=ON  L135 AND NANOCRYST?
L138         2 SEA ABB=ON   PLU=ON  L135 AND NANO CRYST############
L139         0 SEA ABB=ON   PLU=ON  L135 AND (ULTRAFINE OR SUPERFINE OR ULTRA
                                     FINE OR SUPER FINE)
L140         1 SEA ABB=ON   PLU=ON  L135 AND FINE
L141         0 SEA ABB=ON   PLU=ON  L135 AND MESO
L142         0 SEA ABB=ON   PLU=ON  L135 AND MESOCRYST?
L143         0 SEA ABB=ON   PLU=ON. L135 AND MESOSI?
L144         1 SEA ABB=ON   PLU=ON  L135 AND NANOSI?
L145         4 SEA ABB=ON   PLU=ON  (ULTRATHIN OR SUPERTHIN) AND L136
L146         0 SEA ABB=ON   PLU=ON  (ULTRATHIN OR SUPERTHIN) AND L137
L147         0 SEA ABB=ON   PLU=ON  (ULTRA THIN OR SUPER THIN) AND L137
L148         0 SEA ABB=ON   PLU=ON  THIN(W)(SI OR SILICON) AND L137
L149        45 SEA ABB=ON   PLU=ON  L135 AND NANOCRYST?
L150         0 SEA ABB=ON   PLU=ON  THIN(W)(SI OR SILICON) AND L136
L151         4 SEA ABB=ON   PLU=ON  THIN(2A)(SI OR SILICON) AND L136
L152        23 SEA ABB=ON   PLU=ON  FILM(2A)(SI OR SILICON) AND L136
L153         0 SEA ABB=ON   PLU=ON  NANOFILM AND L136
L154         0 SEA ABB=ON   PLU=ON  NANO FILM AND L136
L155         0 SEA ABB=ON   PLU=ON  NANO LAYER##### AND L136
L156         0 SEA ABB=ON   PLU=ON  NANOLAYER##### AND L136
L157         0 SEA ABB=ON   PLU=ON  NANOLAYER#### AND L137
L158         0 SEA ABB=ON   PLU=ON  NANO LAYER##### AND L137
L159         0 SEA ABB=ON   PLU=ON  NANO FILM AND L137
L160         0 SEA ABB=ON   PLU=ON  NANOFILM AND L137
L161         6 SEA ABB=ON   PLU=ON  L136 AND L137
L162         4 SEA ABB=ON   PLU=ON  (L136 OR L137 OR L149 OR L152 OR (L131 OR
                                     L132 OR L133)) AND ("STEP" OR "STEPS" OR SEQUEN########)
L163        64 SEA ABB=ON   PLU=ON  L121 OR L89 OR L1
L164         8 SEA ABB=ON   PLU=ON  L126 AND L125
L165         1 SEA ABB=ON   PLU=ON  L129 AND (L131 OR L132 OR L133)
L166        61 SEA ABB=ON   PLU=ON  L127 OR (L131 OR L132 OR L133) OR (L138 OR
                                     L139 OR L140 OR L141 OR L142 OR L143 OR L144 OR L145) OR (L151
                                     OR L152 OR L153 OR L154 OR L155 OR L156 OR L157 OR L158 OR
                                     L159 OR L160 OR L161 OR L162) OR (L164 OR L165)
L167        59 SEA ABB=ON   PLU=ON  L166 NOT L163
L168        23 SEA ABB=ON   PLU=ON  L167 AND ?CRYST?
L169        59 SEA ABB=ON   PLU=ON  L167 AND DANGL#######
                                     D L168 ALL HITSTR TOT


       FILE 'STNGUIDE' ENTERED AT 13:02:56 ON 04 JAN 2007

       FILE 'HCAPLUS' ENTERED AT 13:03:34 ON 04 JAN 2007
L170        36 SEA ABB=ON   PLU=ON  L169 NOT L168
L171        10 SEA ABB=ON   PLU=ON  L170 AND PASSIVAT?
L172         0 SEA ABB=ON   PLU=ON  L170 AND LED
L173         0 SEA ABB=ON   PLU=ON  L170 AND OLED
L174         0 SEA ABB=ON   PLU=ON  L170 AND EL
L175         1 SEA ABB=ON   PLU=ON  L170 AND ELECTROLUM?
L176         1 SEA ABB=ON   PLU=ON  .L170 AND LIGHT(2A)EMIT#####
L177         0 SEA ABB=ON   PLU=ON  L170 AND LIGHT(2A)EMISS######
L178         0 SEA ABB=ON   PLU=ON  L170 AND LIGHT SOURCE
L179         1 SEA ABB=ON   PLU=ON  L170 AND LAMP
L180         0 SEA ABB=ON   PLU=ON  L170 AND LIGHTING
L181         0 SEA ABB=ON   PLU=ON  L170 AND ?LUMINOS?
L182         0 SEA ABB=ON   PLU=ON  L170 AND ?LUMINOUS?
L183         2 SEA ABB=ON   PLU=ON  L170 AND ILLUMINA########
L184         3 SEA ABB=ON   PLU=ON  L170 AND ?LUMINE?
L185         0 SEA ABB=ON   PLU=ON  L170 AND ?LUMEN?
L186         6 SEA ABB=ON   PLU=ON  L170 AND ?LUMIN?
L187        15 SEA ABB=ON   PLU=ON  (L171 OR L172 OR L173 OR L174 OR L175 OR
                                     L176 OR L177 OR L178 OR L179 OR L180 OR L181 OR L182 OR L183
                                     OR L184 OR L185 OR L186)
                                     D ALL HITSTR TOT
L188        84 SEA ABB=ON   PLU=ON  PASSIVAT#######(4A)(SI OR SILICON)(W)(BOND
                                     OR DANGL#####)
L189         4 SEA ABB=ON   PLU=ON  PASSIVAT#######(4A)(SI OR SILICON)(W)ATOM
L190       144 SEA ABB=ON   PLU=ON  PASSIVAT#######(4A)DANGL#####(4A)(SI OR
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            SILICON)
L191          16 SEA ABB=ON   PLU=ON   (L188 OR L189 OR L190) AND NANOCRYST?

    FILE 'STNGUIDE' ENTERED AT 13:07:49 ON 04 JAN 2007

    FILE 'HCAPLUS' ENTERED AT 13:14:10 ON 04 JAN 2007
L192          11 SEA ABB=ON   PLU=ON   L191 NOT (L187 OR L168 OR L163)
               D ALL HITSTR TOT

    FILE 'STNGUIDE' ENTERED AT 13:14:22 ON 04 JAN 2007

    FILE 'HCAPLUS' ENTERED AT 13:16:23 ON 04 JAN 2007
L193           4 SEA ABB=ON   PLU=ON   SPECTRA/TI AND PHOTOLUMINESCENCE/TI AND
               SILICON NANOCRYSTALS/TI
L194        2598 SEA ABB=ON   PLU=ON   (SI OR SILICON)(W)NANOCRYST?
L195          21 SEA ABB=ON   PLU=ON   ?CATAL?(7A)DANGL######
L196           0 SEA ABB=ON   PLU=ON   L194 AND L195
L197           1 SEA ABB=ON   PLU=ON   ?CATAL? AND DANGL###### AND L194
L198          77 SEA ABB=ON   PLU=ON   L194 AND DANGL########
L199           2 SEA ABB=ON   PLU=ON   L198 AND PROMOT######
L200           3 SEA ABB=ON   PLU=ON   L198 AND KINETICS
L201           6 SEA ABB=ON   PLU=ON   (L199 OR L200) OR L197
L202             SEL PLU=ON   L201 1- RE :     115 TERMS
L203        7086 SEA ABB=ON   PLU=ON   L202
L204        7086 SEA ABB=ON   PLU=ON   L202
L205         239 SEA ABB=ON   PLU=ON   L204 AND DANGL########
L206        7086 SEA ABB=ON   PLU=ON   L202
L207           6 SEA ABB=ON   PLU=ON   L206 AND ?CATAL? AND L205
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